

## Acronyms

<b>AAM</b>	atmospheric angular momentum
<b>AAS</b>	American Astronomical Society
<b>AFF</b>	Autonomous Formation Flyer
<b>AIAA</b>	American Institute of Aeronautics and Astronautics
<b>AU</b>	astronomical unit
<b>CA</b>	clear acquisition
<b>CCNT</b>	Constellation Communications and Navigation Transceiver
<b>CEI</b>	connected-element interferometry
<b>CIO</b>	Conventional International Origin
<b>CSO</b>	compensated sapphire oscillator
<b>DoD</b>	Department of Defense
<b>DOR</b>	differential one-way range
<b>DRVID</b>	difference range versus integrated Doppler
<b>DSN</b>	Deep Space Network
<b>FSR</b>	Full Spectrum Recorder
<b>FTS</b>	Fourier Transform Spectrometry
<b>GGN</b>	Global GPS Network
<b>GIM</b>	global ionosphere mapping
<b>GPS</b>	Global Positioning System
<b>GPSMET</b>	GPS Meteorology Experiment
<b>GRACE</b>	Gravity Recovery and Climate Experiment
<b>IAA</b>	International Academy of Astronautics
<b>IAF</b>	International Astronautical Federation
<b>IAIN</b>	International Aerospace Information Network
<b>IAU</b>	International Astronomical Union
<b>ICRF</b>	International Celestial Reference Frame
<b>IEEE</b>	Institute of Electrical and Electronics Engineers
<b>IERS</b>	International Earth Rotation Service
<b>IGS</b>	International GPS Service
<b>IMU</b>	inertial measurement unit
<b>IOM</b>	interoffice memorandum

<b>ION</b>	Institute of Navigation
<b>ITRF</b>	International Terrestrial Reference Frame
<b>IUGG</b>	International Union of Geodesy and Geophysics
<b>Jy</b>	Jansky; a measure of flux density
<b>KEOF</b>	Kalman Earth Orientation Filter
<b>LISA</b>	Laser Interferometer Space Antenna
<b>LITS</b>	linear ion-trap standard
<b>LLR</b>	lunar laser ranging
<b>LOD</b>	length of day
<b>MPL</b>	Mars Polar Lander
<b>NCB</b>	Narrow Channel Bandwidth
<b>PM</b>	polar motion
<b>PMX</b>	x-component of polar motion
<b>PMY</b>	y-component of polar motion
<b>RF</b>	radio frequency
<b>rms</b>	root-mean-square
<b>rss</b>	root-sum-square
<b>RTLT</b>	round-trip light time
<b>RU</b>	range unit
<b>SA</b>	selective availability
<b>SBI</b>	same-beam interferometry
<b>SLR</b>	satellite laser ranging
<b>SNR</b>	signal-to-noise ratio
<b>TDA</b>	Telecommunications and Data Acquisition
<b>TEC</b>	total electron count
<b>TECU</b>	total electron count unit
<b>TMO</b>	Telecommunications and Mission Operations
<b>URSI</b>	International Union of Radio Science
<b>UT</b>	correction to universal time: UT1–UTC
<b>UT1</b>	universal time one
<b>UTC</b>	universal time coordinated
<b>VLBI</b>	very long baseline interferometry
<b>VSR</b>	VLBI Science Receiver
<b>WVR</b>	water vapor radiometer